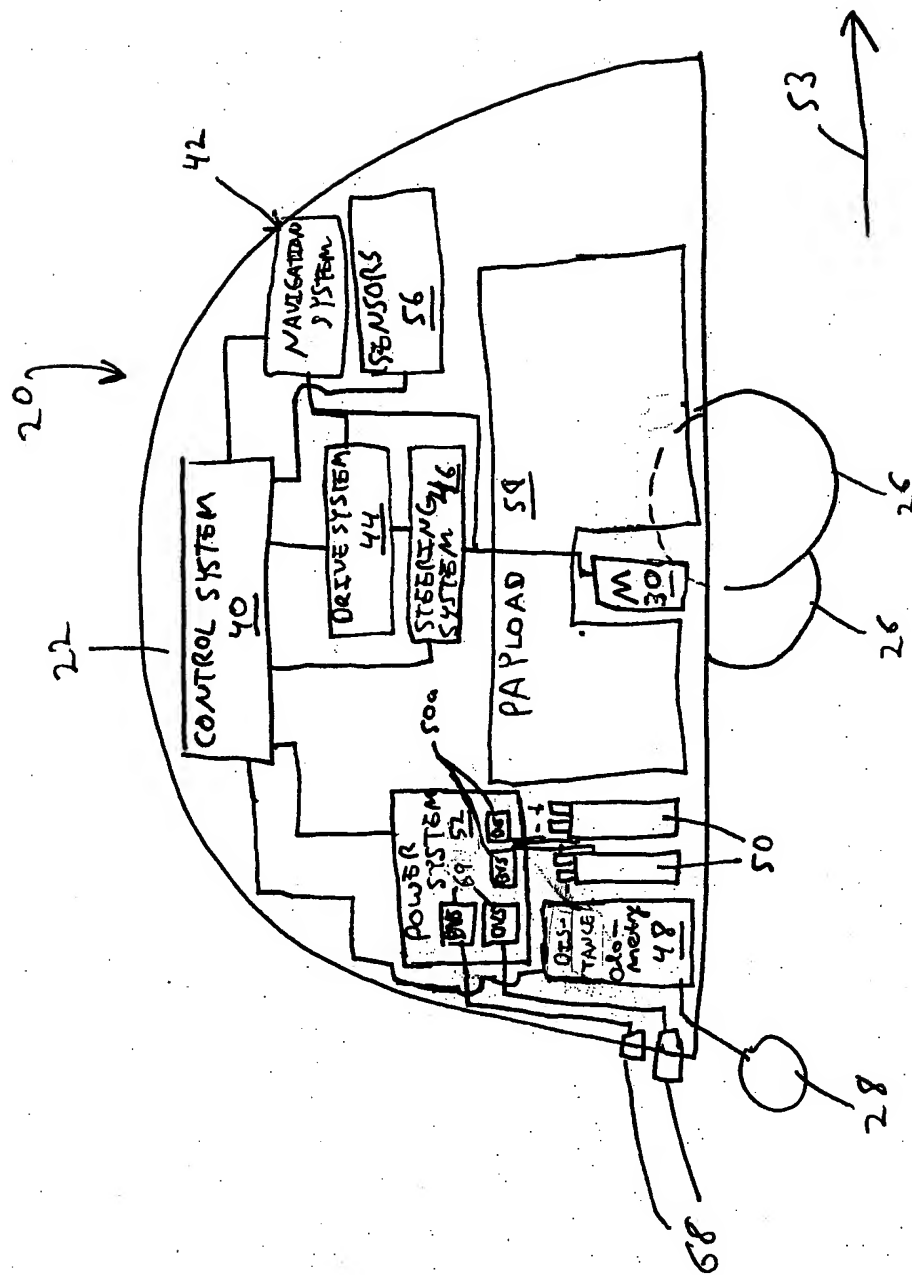


Fig. 1



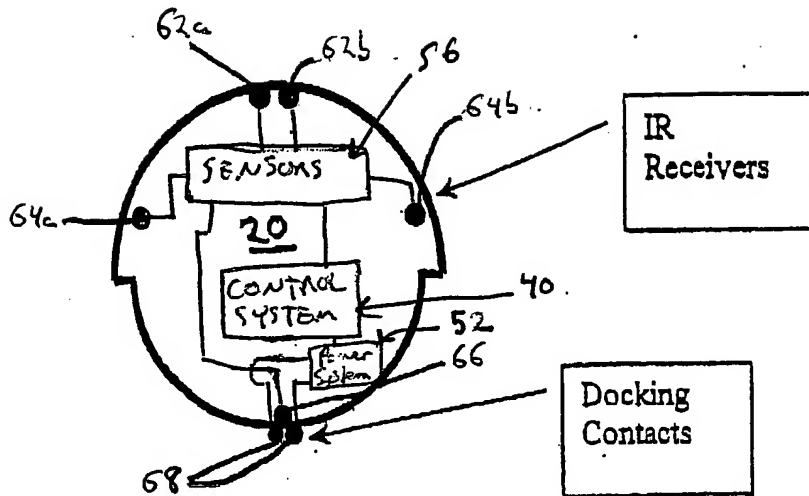


Fig. 2

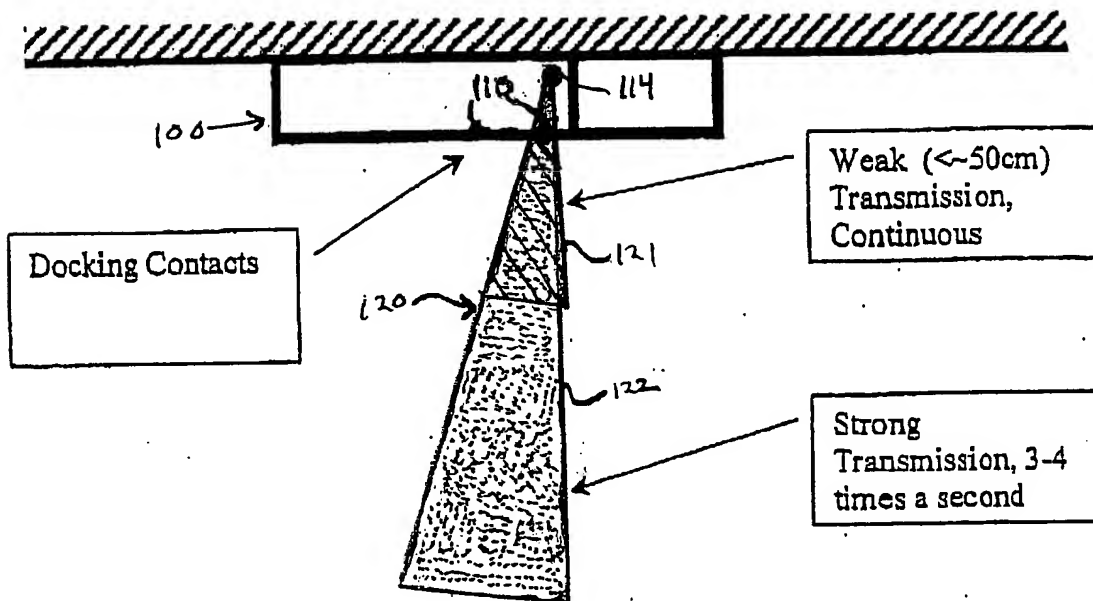
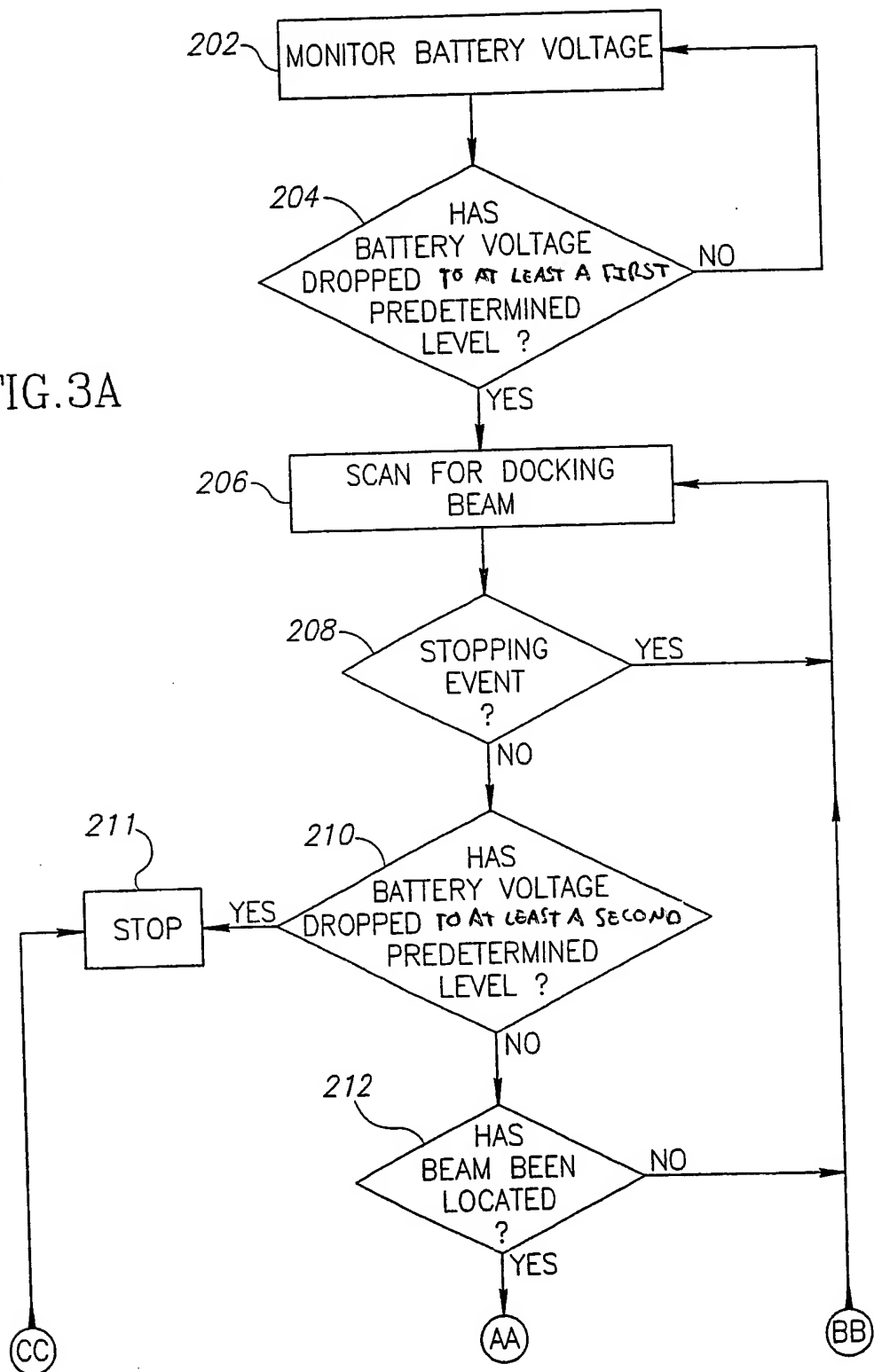


Fig. 4

FIG. 3A



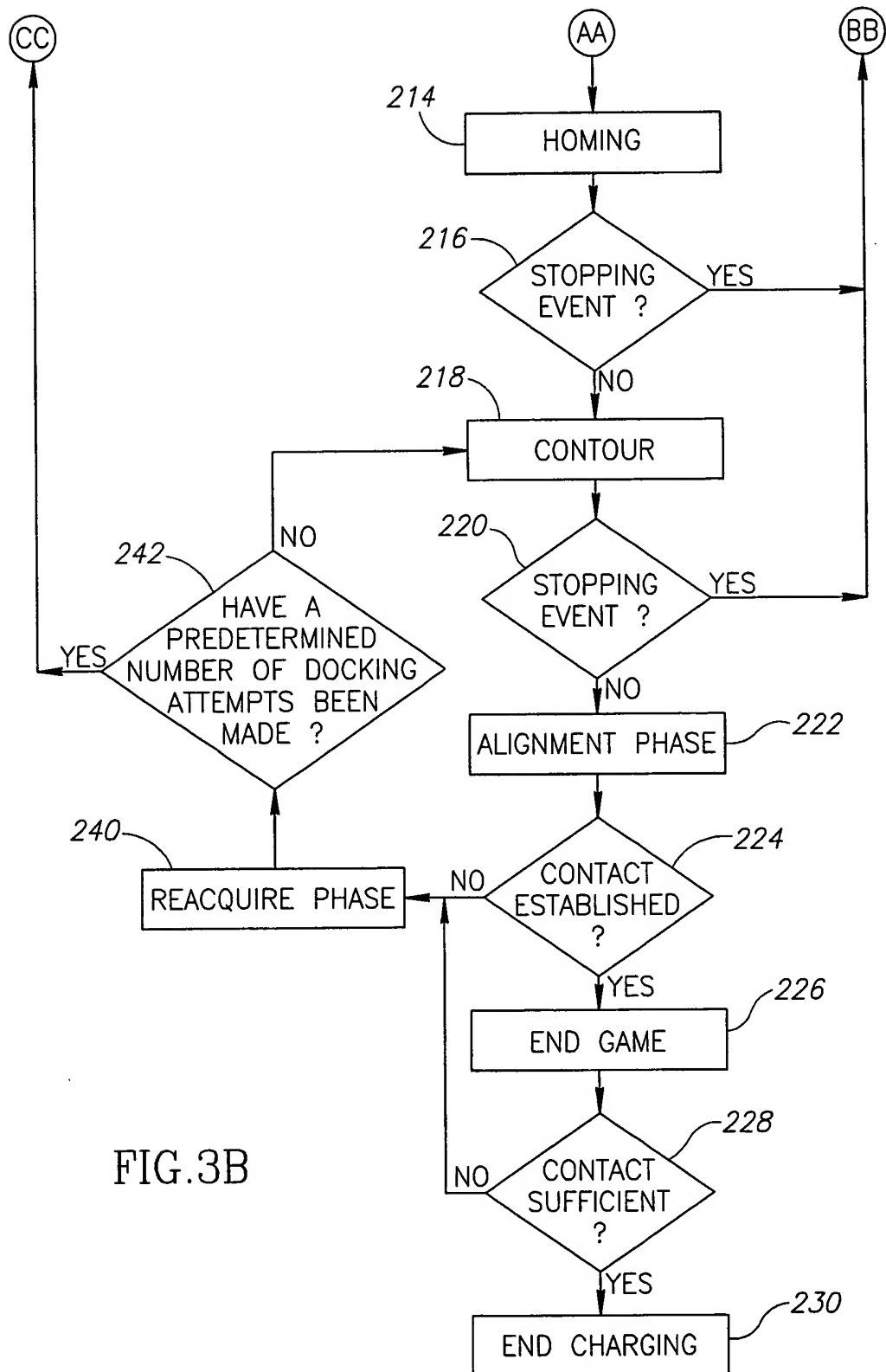


FIG.3B

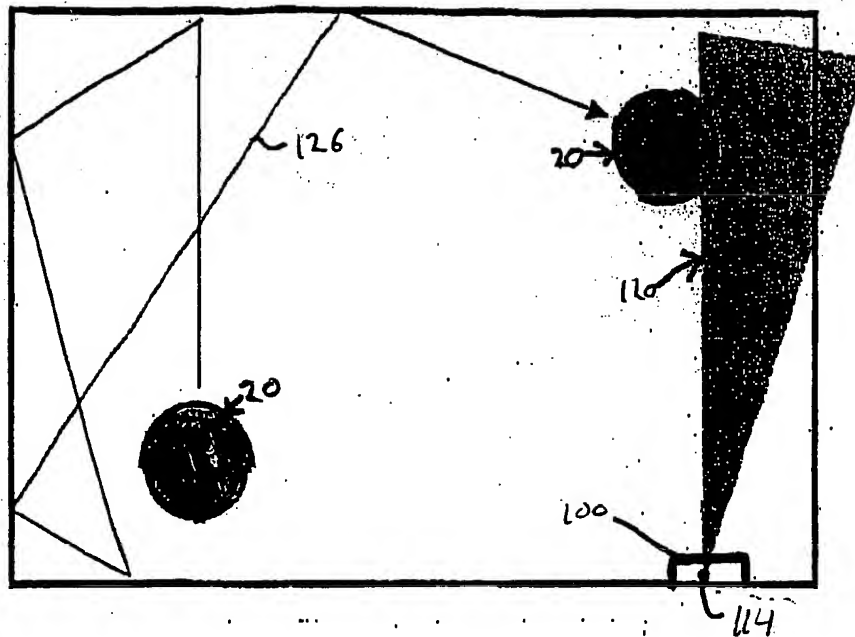


Fig. 5

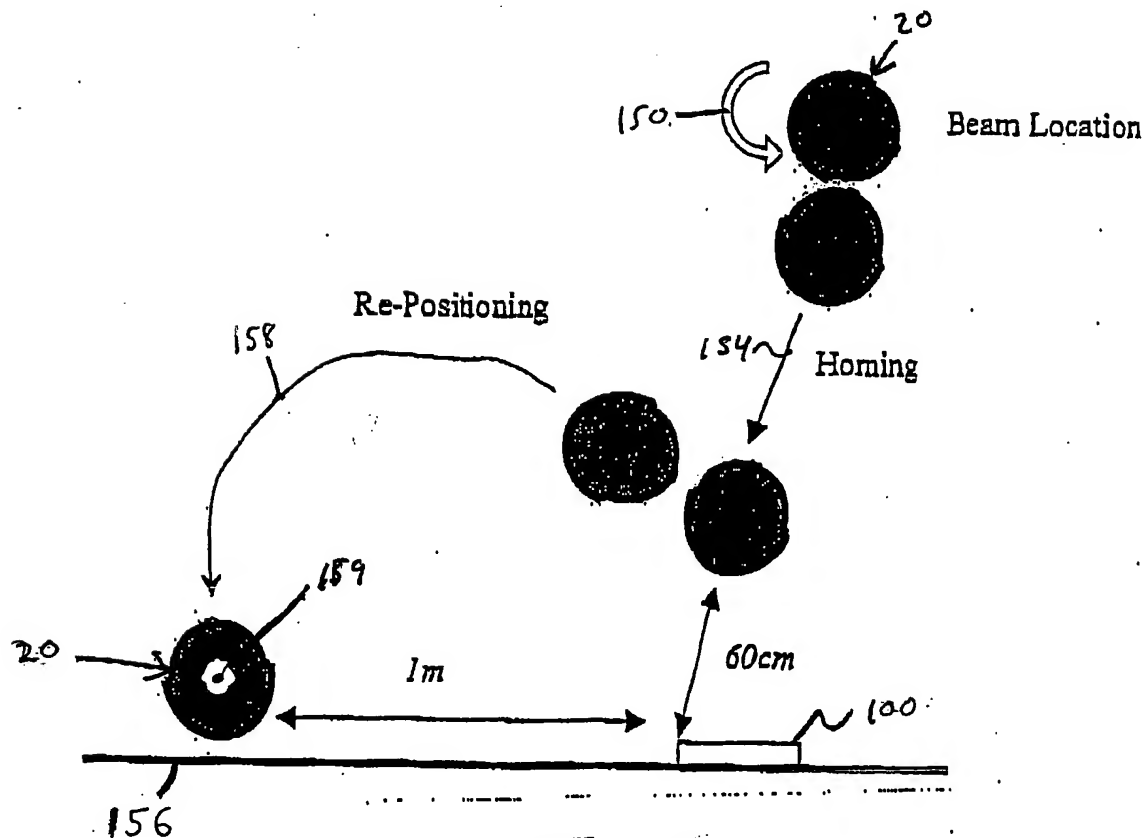
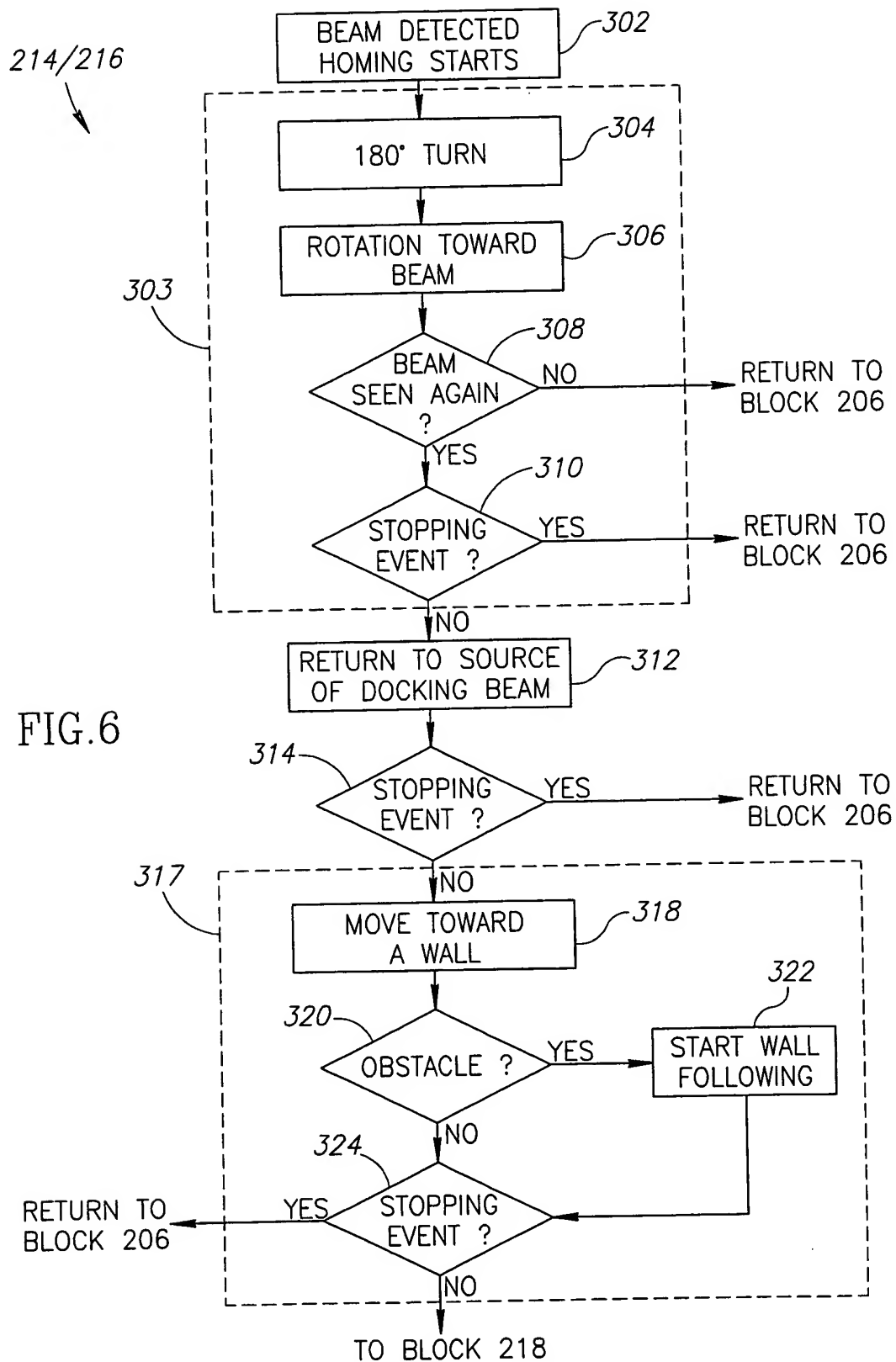


Fig. 7



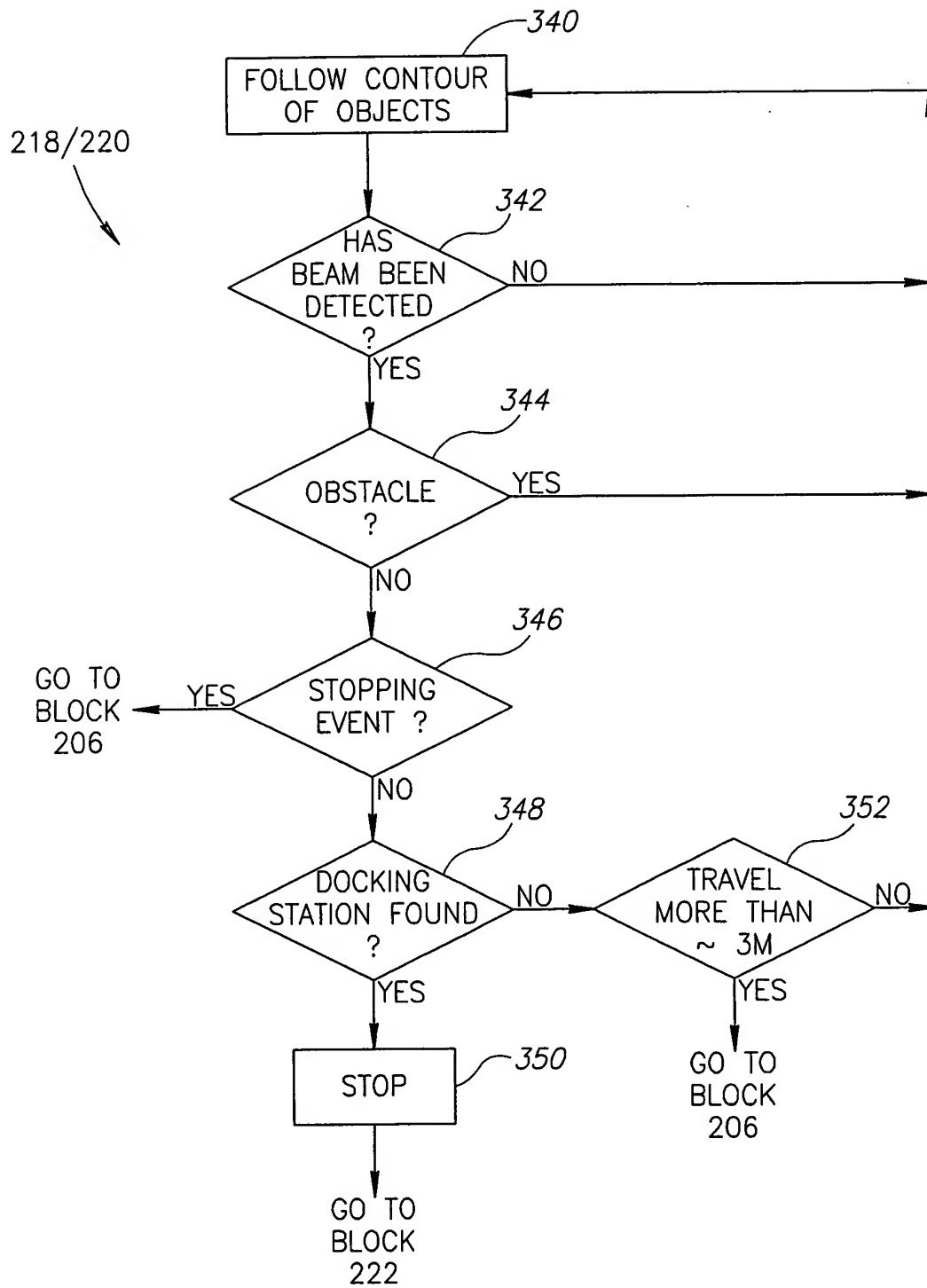


FIG.8

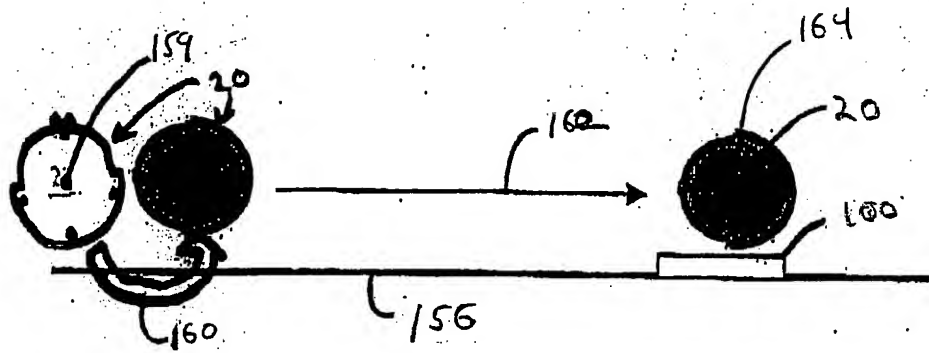


Fig. 9

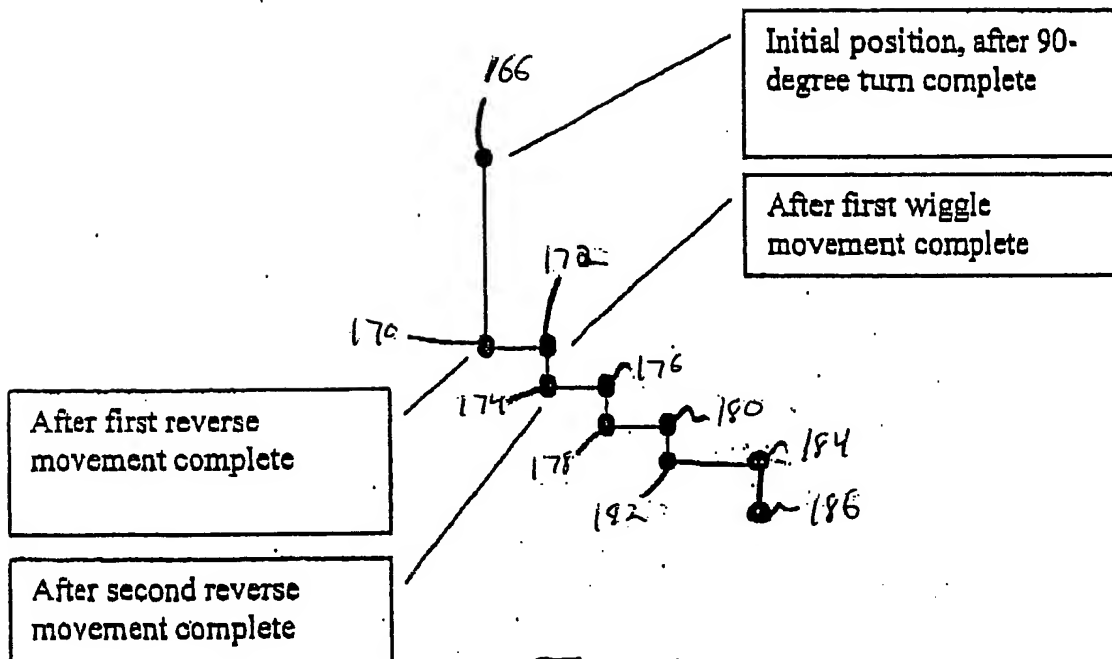
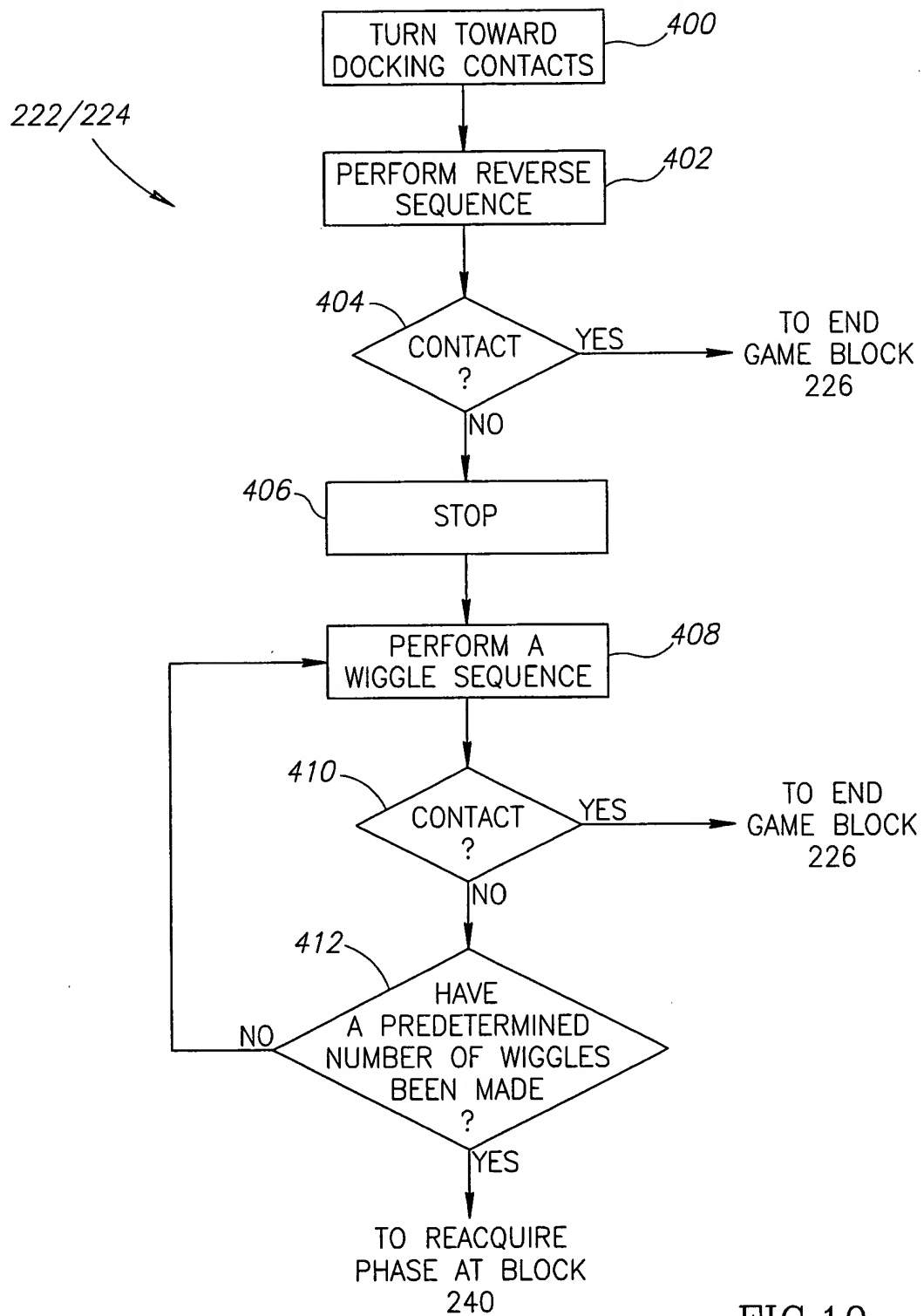


Fig. 11





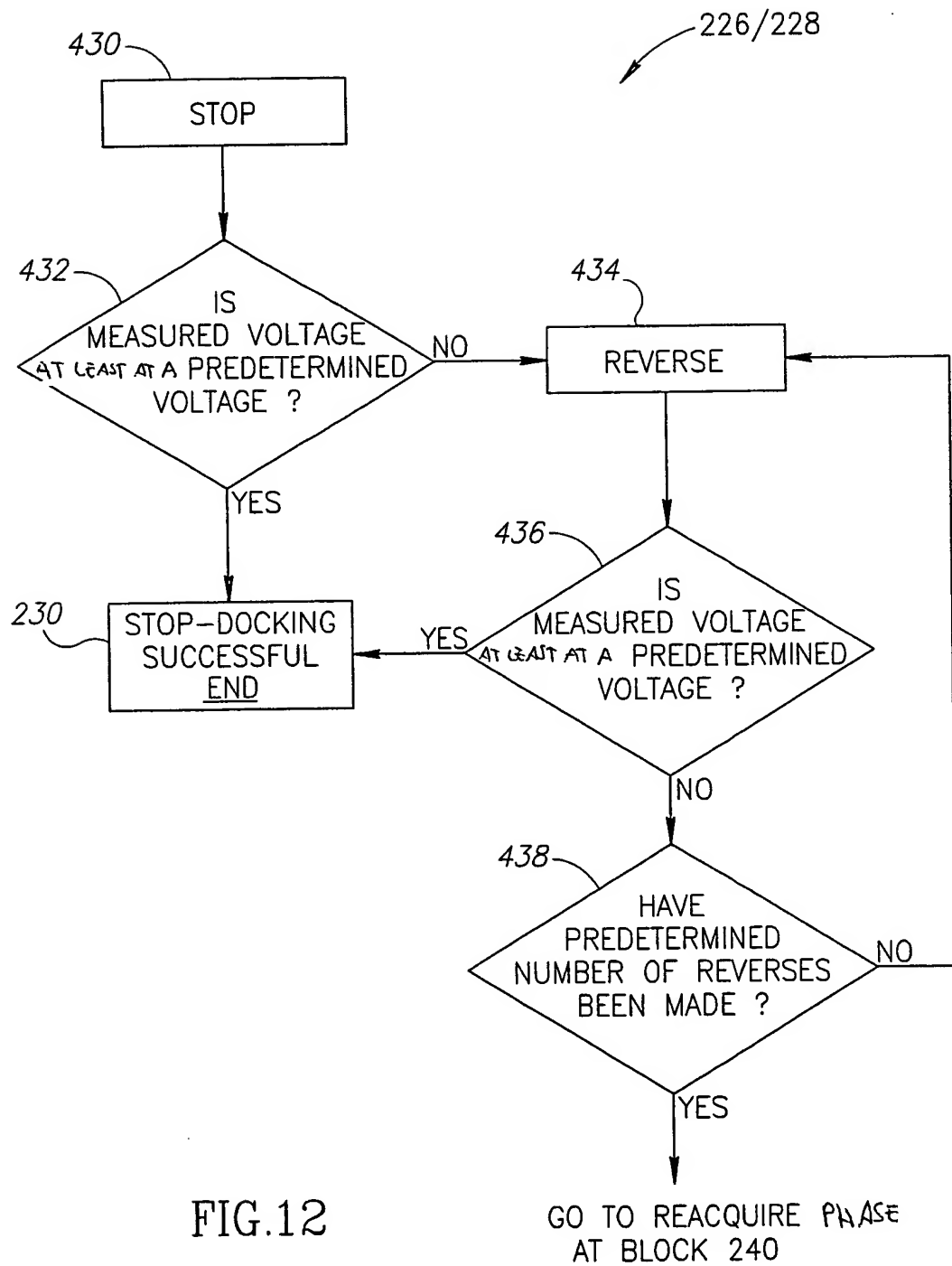


FIG.12

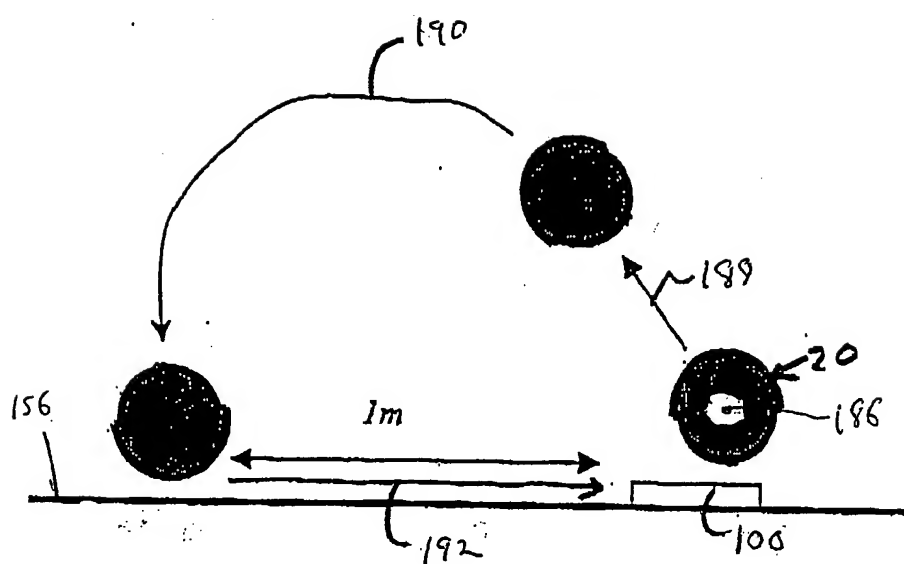


Fig. 13

### Docking Station Global View

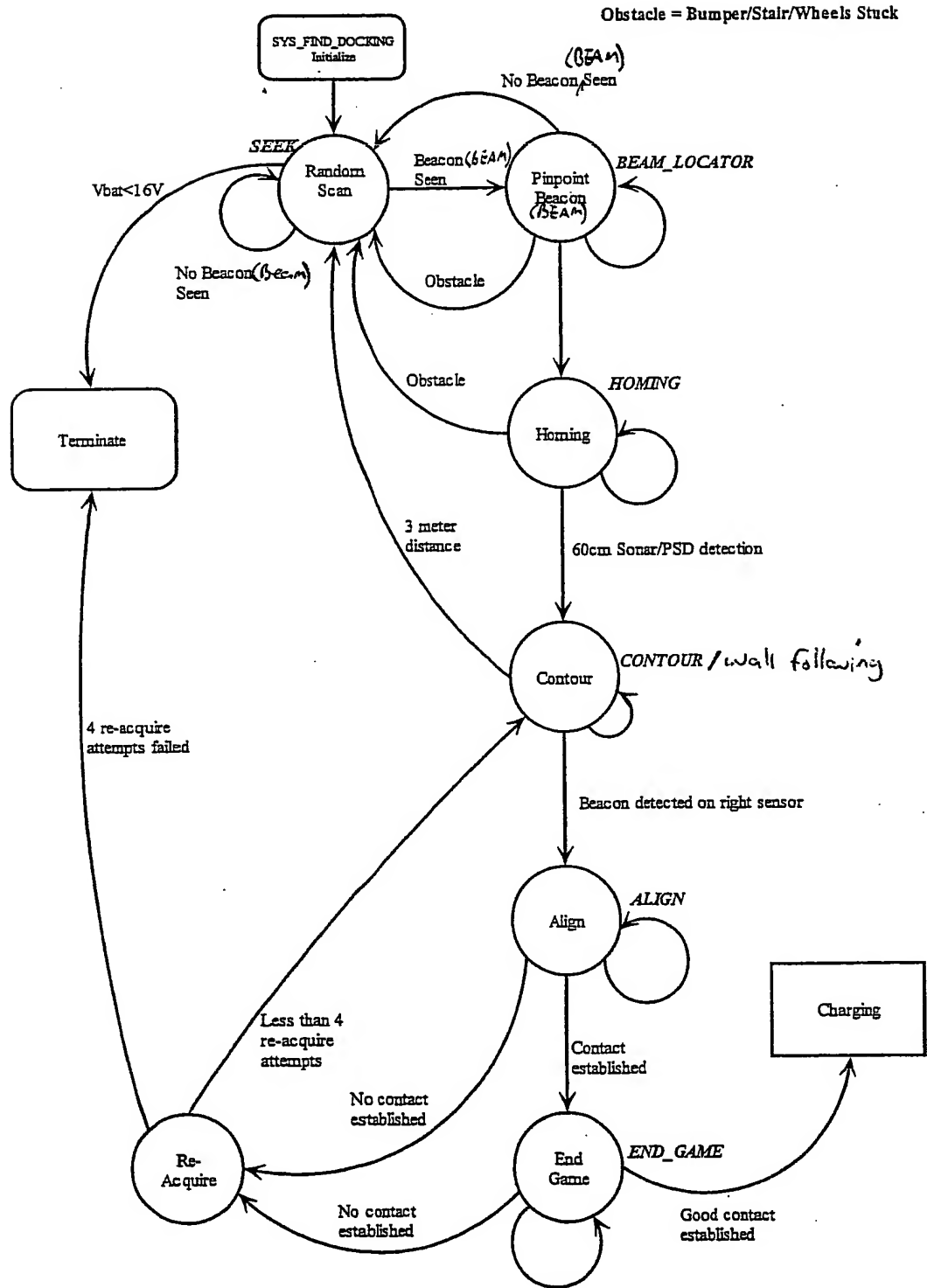


FIG. 14

(Beam)  
Pinpoint Beacon State Machine

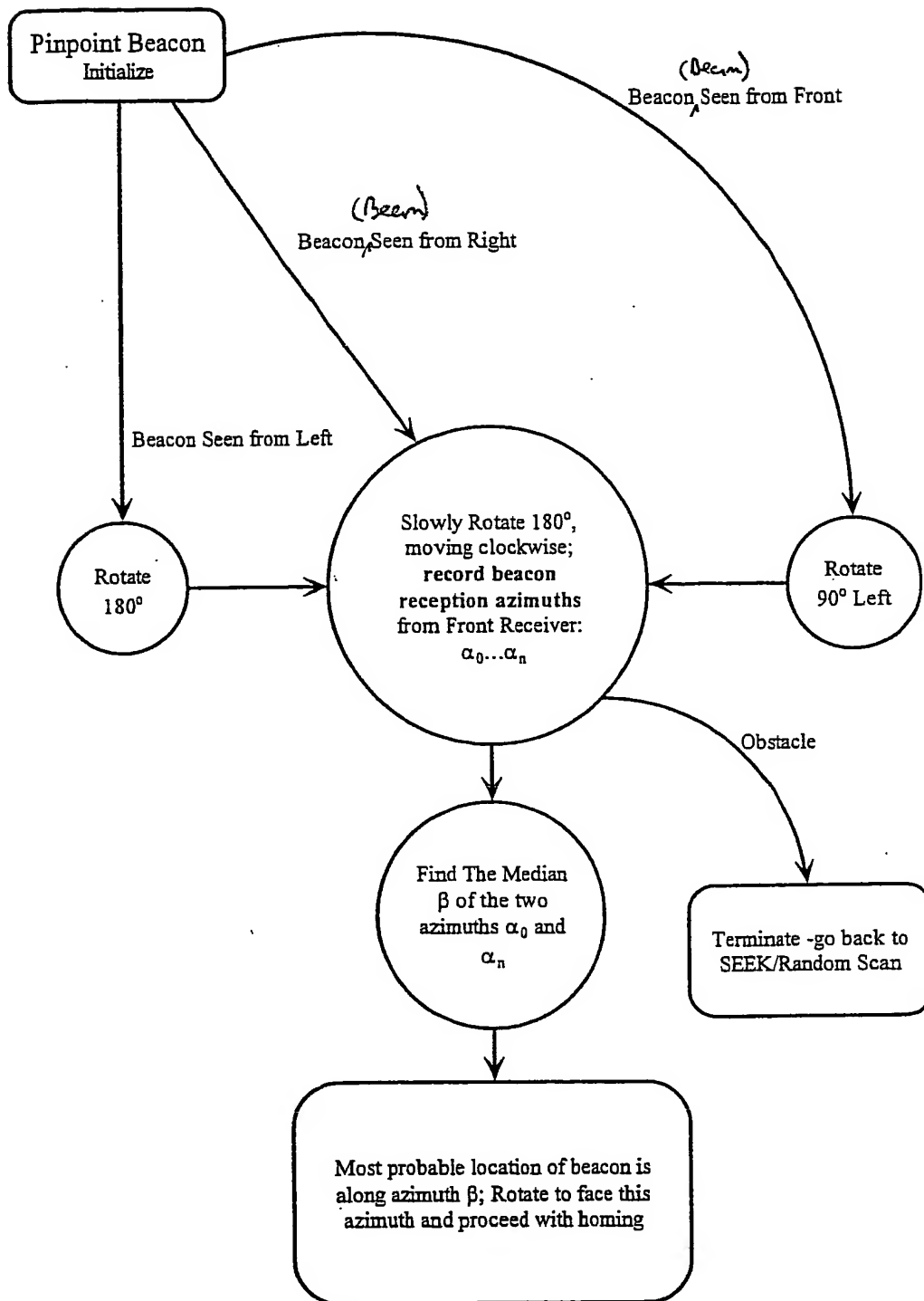


FIG. 15

# Homing State Machine

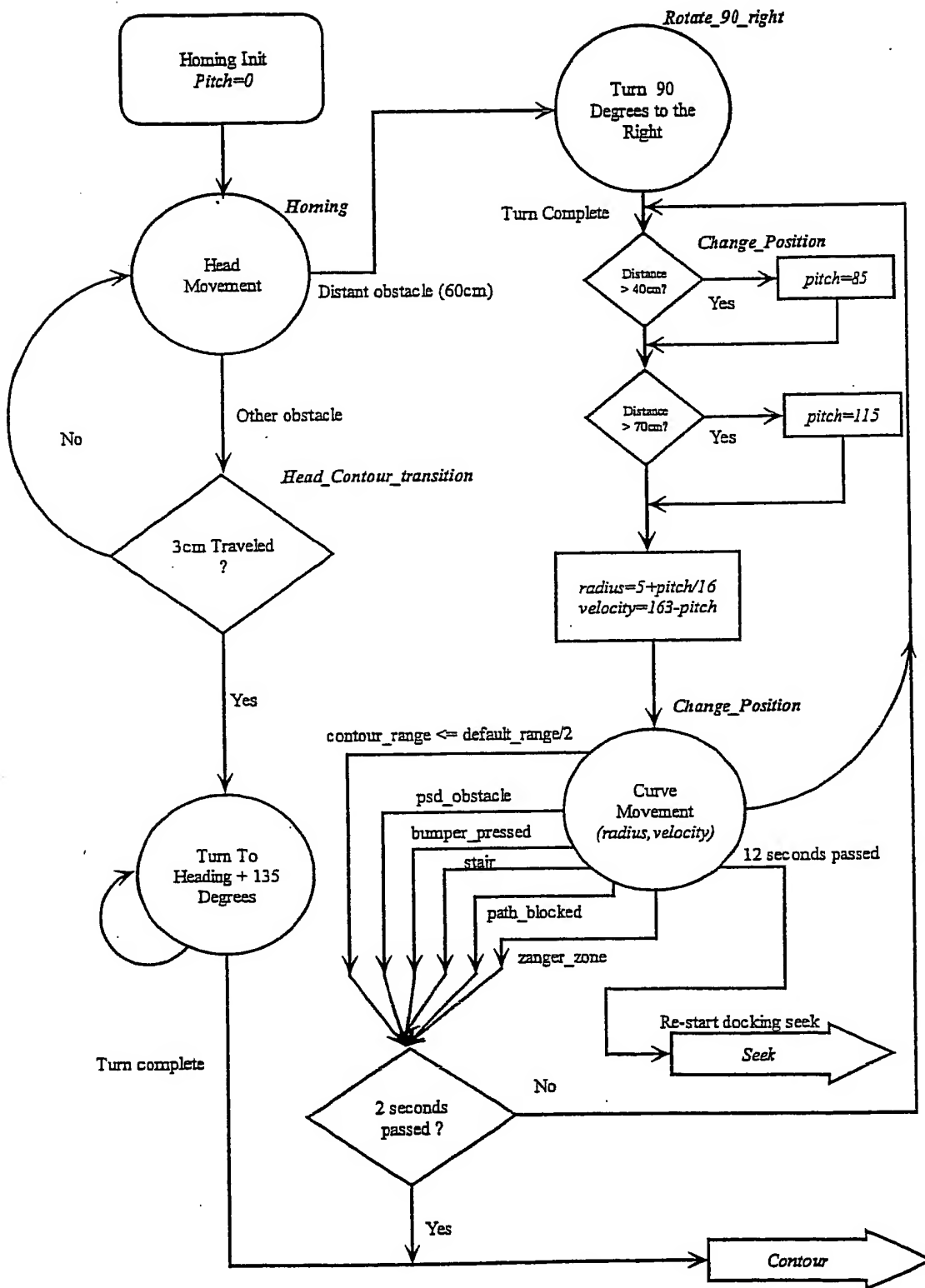


FIG. 16

# Contour (Wall Following) State Machine

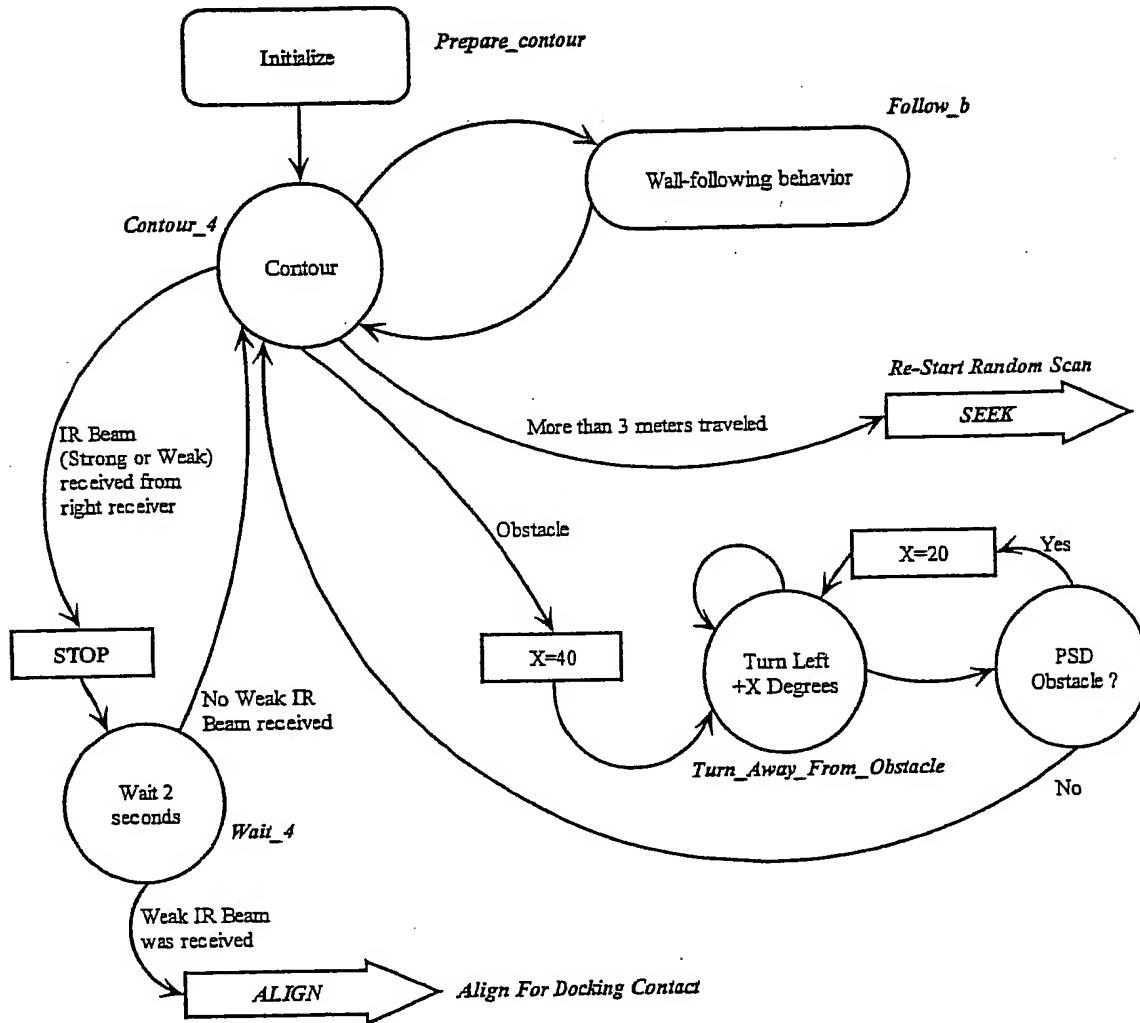


FIG. 17

# Align State Machine

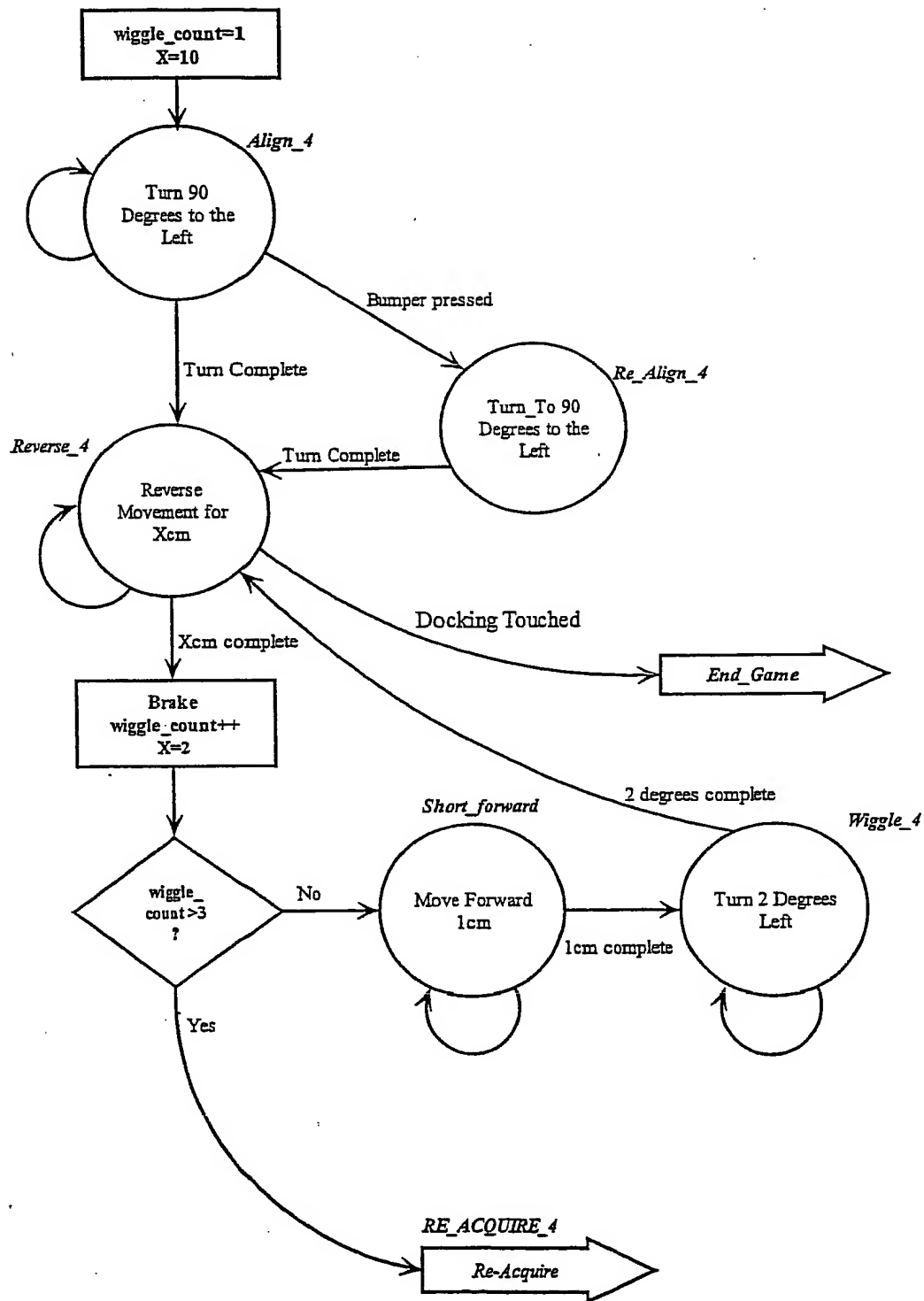


FIG. 18



# Final Docking/End Game State Machine

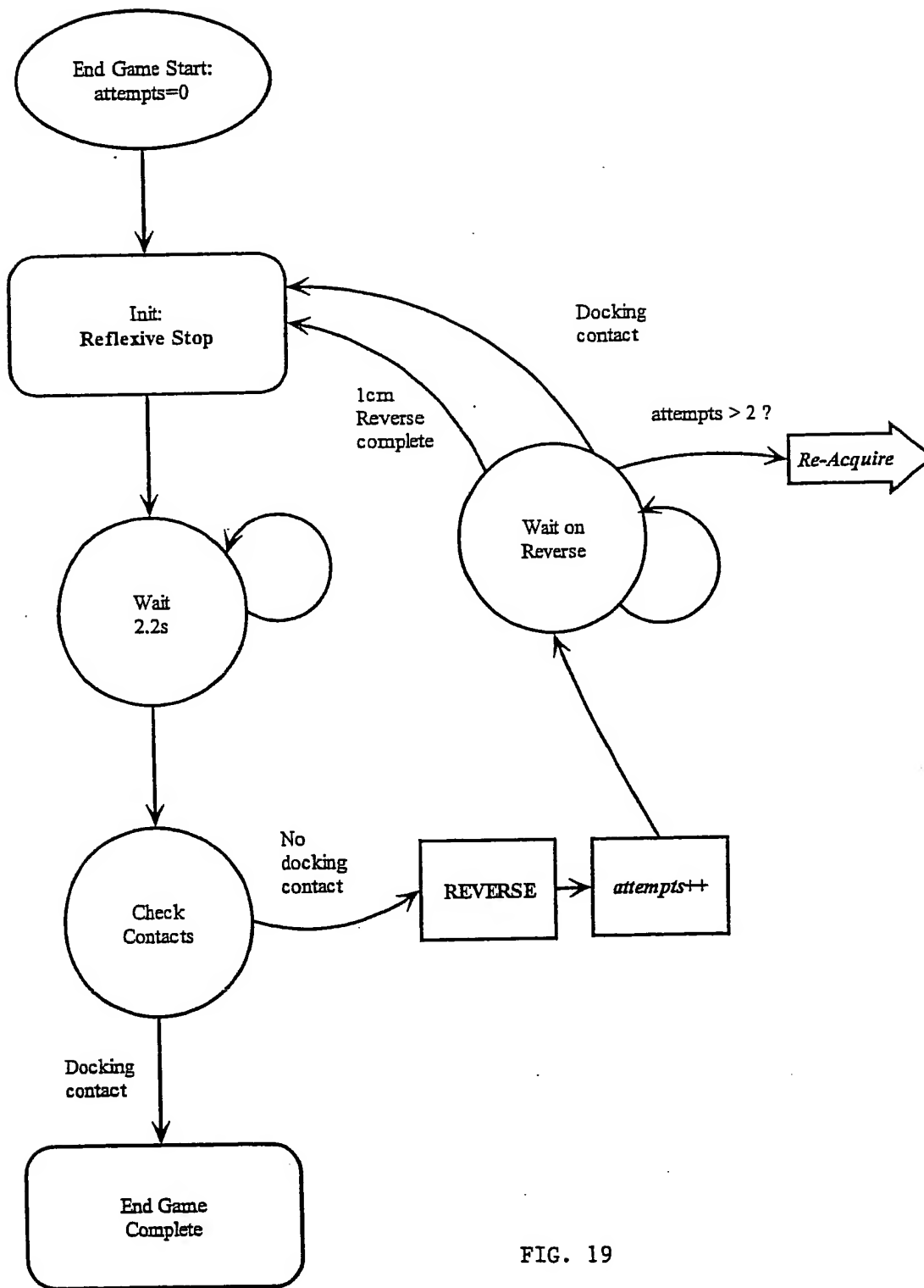


FIG. 19